

# Notice of Allowability

Application No.

09/540,534

Examiner

Phuoc Nguyen

Applicant(s)

XIA, JAY X.

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed on July 22, 2004.
2. ☒ The allowed claim(s) is/are 1-3, 7-18, 22, 23, 26, 27, 30, 31 and 34-42.
3. ☒ The drawings filed on 31 March 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

Art Unit: ~~2437~~ 3143

*Examiner's Statement of Reasons for Allowance*

1. This office action is in response to the amendment filed on July 22, 2004. Previous office action contained claims 1-33. Applicant amended claims 1,7, and 13, cancelled claims 4-6,19-21,24-25,28-29, and 32-33, and added claims 34-42. Amendment filed on July 22, 2004 have been entered and made of record.

2. Claims 1-3,7-18,22-23,26-27,30-31, and 34-42 are allowed.

3. Claims include limitations that the prior art of record does not appear to teach or render obvious the claimed limitations as recited below.

4. The following is an examiner's statement of reasons for allowance:

Leong et al. U.S. Patent 6,269,398 teaches a system and method for a management of the router is accomplished though the use of a logical view of the router which view includes information on the router, protocols available on the router and interfaces available with the router. Dobbins et al. U.S. Patent 5,509,123 teaches a plurality of interconnected multi-protocol routers, the data and method for providing blocks of classes and objects, providing a router resource object class for instantiating an autonomous router object, configuration and control of network interfaces. However, the prior art of record fails to teach or suggest individually or in combination as stated in the independent claims "the attributes being modifiable within a single initialization or the router, and one of the attributes indicating a priority of a dynamic routing protocol designated router election for a local network and the hierarchical tree displaying the attributes, the components, and the subcomponents to the user" in addition "the router utilizes one of the attributes specifies how often the router should contact neighbor nodes in order to maintain a live connection", and in combination with other limitations as set forth in the

Art Unit: ~~2157~~ 2143

independent claims. Claims 2-3,8-12,14-18,22-23,26-27,30-31,35-36,38-39, and 41-42 are allowed due to dependent claims.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue and, to avoid processing delay, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuoc Nguyen whose telephone number is (703) 305-5315. The examiner can normally be reached on Monday-Friday 7:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (703) 308 - 5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

September 30, 2004

  
DAVID WILEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100